GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:7171
ANSWERED ON:11.05.2000
TAPPING OF ENERGY SOURCES
LAXMINARAYAN PANDEY

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government propose to prepare any programme for tapping of alternative energy sources keeping in view the energy crisis;

(b) if so, the details thereof; and

(c) the amount earmarked for this purpose for the next Five Year Plan?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE)

(SHRI M. KANNAPPAN)

(a): The Ministry of Non-conventional Energy Sources has been implementing a wide range of programmes/schemes such as biogas, improved chulha, integrated rural energy programme, special area demonstration programme, small hydro power, biomass gasifier, wind power, solar power, biomass/co-generation power, solar photovoltaics, solar thermal and solar cookers, solar photovoltaic pumps, windmills and urban and industrial waste etc. throughout the country for promotion and utilisation of Non-conventional Energy Sources.

(b) & (c): The programmes/schemes including physical and financial targets have not yet been fixed for the next Five Year Plan. In the current Ninth Five Year Plan the Ministry has earmarked an outlay of Rs.3800.14 crores which includes Rs.2122.14 crores as Gross Budgetary Support (GBS) and Rs.1678 crores as Internal and Extra Budgetary Resources (IEBR) for various Non-conventiona Energy programmes. Details of physical and financial allocations for various programmes are given in the Annexure.

PROGRAMME-WISE ALLOCATION AND PHYSICAL TARGETS DURING 9TH PLAN PERIOD

Sl.No.	Programmes/ Schemes	9th Plan (FINANCIAL) (Rs. in crores) Allocations	Units (Physical)	9th Plan Physical Target
1	Biogas (NPBD)	286.00	No. in lakhs	10
2	CBP/IBP/NBP	30.00	Nos.	800
3	Improved chulha	84.00	No. in lakhs	150
4	Biomass/ Gasifier	25.00	MW	40
5	IREP	53.00	Block Nos.	660 (Old) 200 (New)
6	Urjagram	1.00		
7	SADP	8.00	Nos.(Energy Parks	200
8	Animal energy Programme	2.14		
9	SPV Demo	219.00		
	SPV Home Light		Nos.	2,00,000
	SPV Lanterns		Nos.	3,00,000
	SPV Power Plants		MW	1.6
10	SPV Pumps	46.50	Nos.	4000
11	SPV R&D	25.00		
12	ST Energy	34.00		
	Solar Water Heating Systems		M2 collector area	1,50,000
	Solar Cooker		Nos.	1,50,000
13	Solar Energy Centre	24.00		
14	Wind Pumps & Hybrid Syst.	8.00	Nos.	1000 Kw 250
15	Wind power	63.00	MW	1000
16	Small Hydro	187.00		
	(SHP)		MW	130
	(Water Mills)		Nos.	700
	(R&M)		MW	65

17 Biomass Power 226.00 MW 314
18 ST Power / SPV Power 63.00
ST Power MW 140
SPV Power MW 1.5
19 U & I & NBB 62.00 MW 42
20 New Technology
a Chemical sources 7.00
b Hydrogen Energy 4.50
c Alternate Fuels 7.50
d Ocean Energy 3.00
e Geo-Thermal 3.00
21 I & P 15.00
22 International Cooperation 9.00
23 Project Preparation Assistance 2.00
24 TIFAC 6.00
25 Seminars 2.50
26 Regional Office 4.00
27 NIRE 20.00
28 State Nodal Agencies 15.00
29 Rural Energy Entrepreneurship/ 5.00
Institutional Development
30 Market development & Export 5.00
Promotion
31 Women and Renewable Energy 1.00
Development
32 HRD & Training 6.00
33 IREDA
a)Equity 250.00
b)Technology Commercial Funds 10.00

Total (DBS) 1822.14

34 Counterpart funding 300.00
to IREDA (EAP)

TOTAL (GBS) 2122.14

35 IEBR 1678.00

Total outlay 3800.14

Rs.65.50 crores in NPBD and Rs.23.00 crores in NPIC programmes would be needed in addition to the above allocation to meet the physical targets. This would be met though saving during the remaining period of the 9th Plan.